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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/021,525 | 10/30/2001 | Peter Johnson | 528-L | 1834 |

7590 03/05/2004

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EXAMINER

KINDRED, ALFORD W

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2172

DATE MAILED: 03/05/2004

3

Please find below and/or attached an Office communication concerning this application or proceeding.

fm

Office Action Summary

Application No.

10/021,525

Applicant(s)

JOHNSON, PETER

Examiner

Alford W. Kindred

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communication: application filed on 10/30/01.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Bansal et al., US# 2003/0120593 A1.

As per claim 1, Bansal et al. teaches “determining a JDBC type for said Java application to represent a column in a result set of said hierarchical database . . .” (see page 21, paragraphs [0457]-[0459]) “creating a Java ResultSet object to represent the data in said column and determining a metadata value for said Java application result set to represent said column” (see page 3, paragraphs [0052]-[0057]) “closing embedded result set objects for said result set” (see page 25, paragraph [0533]).

As per claims 2-3, Bansal et al. teaches “determining if said column contains hierarchical data” (see page 23, paragraphs [0487]-[0489]) “setting said JDBC type to ‘Java.sql.Types.OTHER’ . . .” (see page 27, paragraphs [0581]-[0583]) “said column

does not contain said hierarchical data; and, handling said column in a normal fashion for non-hierarchical data" (see page 23, paragraphs [0487]-[0488]).

As per claim 4, this claim is rejected on grounds corresponding to the arguments given above for rejected claims 1 and 2 and are similarly rejected including the following:

-- Bansal et al. teaches "creating a result set using said hierarchical data . . . handling said column in a normal fashion for non-hierarchical data" (see page 23, paragraphs [0486]-[0488]).

As per claim 5, this claim is rejected on grounds corresponding to the arguments given above for rejected claims 1 and 2 and are similarly rejected including the following:

--Bansal et al. teaches "adding said result set metadata object to a metadata collection . . . making said result set to reference said existing result set metadata" (see page 15, paragraph [0324]).

As per claim 6, this claim is rejected on grounds corresponding to the arguments given above for rejected claims 1 and 2 and are similarly rejected including the following:

--Bansal et al. teaches "closing each of said results set objects . . . said result set does not contain said embedded result sets . . . closing said result set in a normal fashion" (see page 25, paragraph [0533]).

As per claims 7-12, these claims are rejected on grounds corresponding to the arguments given above for rejected claims 1-6 and are similarly rejected.

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As per claims 13-15, these claims are rejected on grounds corresponding to the arguments given above for rejected claims 1-2 and are similarly rejected.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alford W. Kindred whose telephone number is 703-305-3802. The examiner can normally be reached on Mon-Fri 9:00 am- 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Klm Vu can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Alford W. Kindred
Patent Examiner
Tech Ctr. 2100